



PAGE 1 OF 3

SERIAL NO.: 09/962,007

FILING DATE: 9/24/01

APPLICANT(S): Mackay, et al.

Group: \_\_\_\_\_

INFORMATION DISCLOSURE CITATION  
(PTO-1449)

## U.S. PATENT DOCUMENTS

*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing Date
88	A	6,293,456	09/2001	Mackay, et al. (parent case)			
	B	6,153,505	11/2000	Bolde, et al.	438	613	
	C	6,126,059	10/2000	Mackay, et al. (div of '487)	228	9	
	D	6,109,175	08/2000	Kinoshita	101	170	
	E	6,051,273	04/2000	Dalal, et al.	427	124	
	F	6,008,071	12/1999	Karasawa, et al.	438	115	
	G	5,988,487	11/1999	Mackay, et al. (parent case)	228	254	
	H	5,950,908	09/1999	Fujino, et al.	228	248.1	
	I	5,934,545	08/1999	Gordon	228	191	
	J	5,877,079	03/1999	Karasawa, et al.	438	613	
	K	5,842,626	12/1998	Bhansali, et al.	228	180.22	
	L	5,829,668	11/1998	George, et al.	228	254	
	M	5,806,753	09/1998	Bielick, et al.	228	248.1	
	N	5,782,399	07/1998	Lapastora	228	41	
	O	5,773,897	06/1998	Wen, et al.	257	778	
	P	5,759,269	06/1998	Cutting et al.	118	213	
	Q	5,667,128	09/1997	Rohde, et al.	228	49.5	
	R	5,658,827	08/1997	Aulicino, et al. ("IBM-2")	228	180.22	
	S	5,632,434	5/27/97	Evans, et al.	229	44.7	
	T	5,539,153	07/1996	Schwiebert, et al. ("HP")	174	260	
	U	5,492,266	02/1996	Hoebner, et al. ("IBM-1")	228	248.1	
	V	5,439,164	08/1995	Hasegawa, et al.	228	194	
	W	5,366,760	11/1994	Fujii, et al.	427	96	
	X	5,310,574	05/1994	Holtmann	427	58	
	Y	5,197,655	03/1993	Leerssen, et al.	228	254	
	Z	5,172,469	12/1992	Onda, et al.	29	762	
	aa	5,079,835	01/1992	Lam	29	840	
89	bb	5,014,162	01/1991	Clark, et al.	361	412	

Examiner

Date Considered



SUPPLEMENTAL  
INFORMATION DISCLOSURE CITATION  
(PTO-1449)

PAGE <sup>2</sup> OF <sup>3</sup>  
SERIAL NO.: 09/962,007  
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U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
99	A	5,536,677	7/96	Hubacher	437	183	
99	B	5,535,936	07/96	Chong, et al.	228	175	
	C	5,480,835	1/96	Carney, et al.	437	189	
	D	5,460,316	10/1995	Hefe	228	39	
	E	5,449,108	9/95	Park	228	103	
	F	5,438,020	8/95	Grancher, et al.	437	183	
	G	5,395,040	03/95	Holzmann	228	254	
	H	5,388,327	2/95	Trabucco	29	830	
	I	5,381,848	01/95	Trabucco	164	102	
	J	5,372,295	12/94	Abe, et al.	228	123.1	
	K	5,346,118	09/94	Degani, et al.	228	180.22	
	L	5,307,983	05/94	Dudderar, et al.	228	180.22	
	M	5,268,068	12/93	Cowell, et al.	156	644	
	N	5,211,328	5/93	Ameen, et al.	228	180	
	O	5,206,585	04/93	Chang, et al.	324	158 P	
	P	5,137,845	8/92	Lochon, et al.	437	183	
	Q	5,118,029	06/92	Fuse, et al.	228	198	
	R	5,118,027	06/92	Braun, et al.	228	180.2	
	S	5,108,027	04/92	Warner, et al.	228	254	
	T	5,046,161	09/91	Takada	357	69	
	U	5,039,628	8/91	Carey	437	183	
	V	5,024,372	6/91	Altman, et al.	228	248	
	W	5,001,829	03/91	Shelhorn	29	840	
	X	4,953,460	9/90	Wojcik	101	129	
	Y	4,950,623	8/90	Dishon	437	183	
	Z	4,914,814	4/90	Behun, et al.	29	843	
	AA	4,906,823	03/90	Kushima, et al.	228	245	
	AB	4,898,320	02/90	Dunaway, et al.	228	245	
	AC	4,893,403	1/90	Heflinger, et al.	29	840	
	AD	4,856,185	08/89	Baumgartner	29	840	
	AE	4,763,829	08/88	Sherry	228	124	
	AF	4,655,164	4/87	Nelson, et al.	118	503	
	AG	4,622,239	11/86	Schoenthaler, et al.	427	96	
	AH	4,545,610	10/85	Lakritz, et al.	29	589	
99	AI	4,523,712	06/85	Zado	228	207	

Jonathan J. Lee

11/27/05



Page 3/3

99	AJ	4,412,642	1/83	Fisher, Jr.	228	173	
99	AK	3,719,981	03/73	Steitz	29	423	
99	AL	3,569,607	3/71	Martyak, et al.	174	68.5	
99	AM	3,458,925	8/69	Napier, et al.	29	578	
	AN						

#### OTHER REFERENCES

99	AO	WO99/01892	1/99	PCT publication	
99	AP		1995	Ball Grid Array Technology, Lau	McGraw-Hill

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1/27/05  
Date Considered